Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 08 May 2021 until 23:59 on Sunday 09 May 2021

Forecast Issued on Saturday 08 May 2021 at 04:20

Confidence: High for wet and windy conditions today and then staying unsettled into next week.

Headline for Saturday 08 May 2021: Wet and windy today with a risk of gales developing across Summits.

Mountain weather hazards on Saturday 08 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
>95%	90%	80%	80%	70%	70%

Forecast for Saturday 08 May 2021

Weather: Heavy rain continuing through much of today, with hill fog and a risk of gales over the highest peaks and ridges. This will give hazardous conditions, along with chilly conditions, especially at first.

Chance of cloud free mountain/hill tops above 600m: 100% becoming 10% or less from 1000hrs, with cloud generally lowering to 400m by early afternoon.

Visibility: Good at first, soon decreasing poor in rain and very poor with hill fog.

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Mountain Weather Forecast

Forecast for Saturday 08 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/38 SE	32/42 SE	22/31 S	26/35 SW	27/37 SW	27/37 S	27/36 S
300	24/35 SE	29/43 SE	18/27 S	18/28 SW	20/30 SW	20/32 S	20/30 S
Valley	12/27 SE	18/38 SE	9/23 SE	11/26 SW	12/28 SW	13/30 S	13/29 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	3/-4	8/3	10/6	10/5	9/5	9/4
300	4/-2	5/-1	9/6	12/9	12/8	11/8	11/7
Valley	4/0	5/1	9/7	12/10	12/10	12/9	11/9
Freezing Level*	1600m	2200m	2700m	2600m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds may be 5-10mph stronger at times than shown with gusty conditions likely. Feeling chilly with the wind and rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 08 May 2021	N/A	N/A	N/A

Forecast for Sunday 09 May 2021

Weather: Rain will gradually become lighter during the overnight period, then rain moving away southeastwards late morning. Cloud breaks develop and cloud bases lifting above summits late morning to early afternoon. Then largely dry with sunny spells, and chance of a few afternoon and early evening showers. Becoming dry and largely clear late evening.

Maximum wind: South or southwest with gusts 35 to 40mph at first.

Chance of cloud free mountain/hill tops above 600m: 10% or less becoming 90% by mid to late morning with cloud base rising from 300m to 700m.

Visibility: Poor or very poor becoming very good or excellent by early afternoon.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming Plus 17 degrees Celsius.
At 600m: Plus 7 to 10 degrees Celsius.
Freezing level: Well above summits.

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